HP StorageWorks EVA Replication Compatibility Reference

This document provides all hardware, operating system, and software versions that are supported on HP StorageWorks EVA replication products (HP Continuous Access EVA and HP Replication Solutions Manager). Topics include:

– Storage and replication management solution compatibility
– Supported operating environments
– Replication Solutions Manager user interface deployment models
– Browser support by operating system
– Operating system supported components for basic I/O

Storage and replication management solution compatibility

This table lists the compatibility betweeen replication management solutions and storage components. To use this table, read down the appropriate solution column and then read to the left for the supported storage components.

Component	Continuous Access EVA 1.0, 1.0A	Continuous Access EVA 1.1, 1.1A, 1.1B	Continuous Access EVA 1.2	Continuous Access EVA 2.0	Business Copy EVA 2.1A	Business Copy EVA 2.2	Business Copy EVA 2.3	Replication Solutions Manager 1.0
EVA3000 storage systems		X	X	X	X	X	X	X
EVA5000 storage systems	X	X	X	X	X	X	X	X
Storage Management Appliance software 2.0 SP1a	X				X	X		
Storage Management Appliance software 2.1		X	X	X		X	X	X
Continuous Access User Interface 1.0, 1.0A	X				X			
Continuous Access User Interface 1.1A		X				X		
Continuous Access User Interface 1.2			X	X			X	X
Command View EVA 3.0, 3.0A (SSSU Build 72 for 3.0)	X				X	X		
Command View EVA 3.1 (SSSU Build 8 for 3.01)		X 1.1, 1.1A				X	X	
Command View EVA 3.2 (SSSU Build 7 for 3.2)		X 1.1B	X	X		X	X	
Command View EVA 3.3 (SSSU Build 7 for 3.3)		X	X	X			X	X
Business Copy EVA 2.1A	X				X			
Business Copy EVA 2.2		X		X		X		
Business Copy EVA 2.3[1]			X				X	X
Virtual Controller Software 3.00	X				X	X		
Virtual Controller Software 3.01		X 1.1, 1.1A	X	X		X	X	X
Virtual Controller Software 3.02[2]		X	X	X		X	X	X

[1] Do not run RSM jobs and BC jobs simultaneously.

[2] To upgrade to Virtual Controller Software 3.02, you must be running Virtual Controller Software 3.010 or later and Command View EVA 3.2 or later. See the release notes at http://h18006.www1.hp.com/products/storage/software/conaccesseva/index.html for current restrictions.

Supported operating environments

This table lists the supported operating environments for each operating system or server type. The operating environments are:
Basic I/O – The ability for the array to work with this operating system. Management support from Command View EVA is a minimum requirement.
Host agent – The RSM host agent is installed on servers running this operating system.
Server – The RSM user interface is installed on servers running this operating system.

	Environment		
Operating system or server type	**Basic I/O**	**Host agent**	**Server**
Storage Management Appliance			X
Storage Management Appliance w/OVSAM			X
Management server			X
General purpose server	X	X	X
NAS 4000 and 9000	X	X	X
Windows 2000 Server*	X	X	X
Windows 2000 Advanced Server SP4 (32-bit)*	X	X	X
Windows 2003 Standard Edition	X		X
Windows Server 2003 Enterprise Edition (32-bit) SP1*	X	X	X
Windows Server 2003 Enterprise Edition and Datacenter Edition (64-bit Itanium) SP1*	X		
HP-UX 11.11/11iv1	X	X	
HP-UX 11iv2 (PA-RISC)	X		
HP-UX 11iv2 (IA64)	X	X	
Solaris 2.6, 7, 8	X		
Solaris 9	X	X	
HP OpenVMS 7.2.2, 7.3-1, 7.3-2	X		
Tru64 5.1a, 5.1b	X		
NetWare 5.1, 6.0, 6.5	X		
AIX 4.3.3, 5.1, 5.2	X		
SuSE SLES 8 (32- & 64-bit)/United Linux 1.0, SLES 9.0 (32- & 64-bit, AMD, Itanium)	X	X	
Red Hat AS 2.1 (32-bit)	X		
Red Hat AS 3.0 (32-bit)	X	X	
Red Hat AS 2.1, 3.0 (64-bit)	X		
*Replication of Windows dynamic disks is not supported.			

Replication Solutions Manager user interface deployment models

This table lists the EVA management options that support the installation of the Replication Solutions Manager user interface.

Software	General purpose server	HP OpenView Storage Management Appliance	Management server
Business Copy EVA 2.3	supported	supported	supported
Continuous Access User Interface 1.2	no support	supported	supported
Replication Solutions Manager 1.0	supported	supported	supported
Hardware specifications			
Storage Management Appliance		G1, G2, G3	
General purpose server and management server		Microsoft Windows Server 2003 Enterprise Edition 32-bit Processor: 1.26 GHz (minimum) Memory: 2 GB (minimum) Disk space requirements: - 120 MB for installation of Command View EVA - 10 MB for each HP Continuous Access EVA managed array - 350 MB for installation of Replication Solutions Manager	

Browser support by operating system

This table lists the supported browsers and JRE versions you can use to access the Replication Solutions Manager and Storage Management Appliance user interfaces from the corresponding operating system. The shaded rows indicate that you can only browse from the corresponding operating system to a general purpose server or management server, but not the Storage Management Appliance.

Operating system	Required browser	Minimum supported JRE
Windows 2000 Advanced Server SP4 (32-bit)	Internet Explorer 6.0 SP1	JRE 1.4.1, 1.4.2_02
Windows Server 2003 Enterprise Edition SP1 (32-bit)	Internet Explorer 6.0 SP1	JRE 1.4.1, 1.4.2_02
Windows 2000 Professional	Internet Explorer 6.0 SP1	JRE 1.4.1, 1.4.2_02
Windows XP Professional	Internet Explorer 6.0 SP1	JRE 1.4.1, 1.4.2_02
HP-UX PA-RISC 11.11/11iv1 (64-bit)	Mozilla 1.6	HP's JRE 1.4.2_05+ (64 bit), PA-RISC RTE
HP-UX 11iv2 (IA64)	Mozilla 1.6	HP's JRE 1.4.2_05+ (64 bit), Itanium RTE
Solaris 8	Mozilla 1.4.1	JRE 1.4.2_02+ (64 bit)
Solaris 9	Mozilla 1.4.1	JRE 1.4.2_02+ (64 bit)
HP OpenVMS 7.3-1	Mozilla 1.5	JRE 1.4.2_02+
HP OpenVMS 7.3-2	Mozilla 1.5	JRE 1.4.2_02+
Tru64 5.1a	Mozilla 1.6	JRE 1.4.2_02+
Tru64 5.1b	Mozilla 1.6	JRE 1.4.2_02+
AIX 5.2	Mozilla 1.4.2	JRE 1.4.2_02+
Red Hat AS 2.1 (32-bit)	Mozilla 1.6	JRE 1.4.2_02+ (32 bit), RPM format
Red Hat AS 3.0 (32-bit)	Mozilla 1.6	JRE 1.4.2_02+ (32 bit), RPM format

Operating system supported components for basic I/O

This table lists the operating system supported components for the basic I/O environment.

OS	Version	FCA/HBA	Adapter firmware	Adapter driver	Multi-path support	Cluster support	Boot from SAN
HP-UX	11.0 (32-bit only with 0903 patch bundle)	A5158A 1Gb PCI A6685A 1 Gb HSC A6795A 2 Gb PCI	Native	Native	Secure Path: 3.0b SP1, 3.0d, or 3.0e	ServiceGuard 11.14 (4 node max)	No
	11iv1 (64-bit only with 0604 patch bundle)	A5158A 1Gb PCI A6685A 1 Gb HSC A6795A 2 Gb PCI	Native	Native	Secure Path: 3.0b SP1, 3.0c, 3.0d, or 3.0e	ServiceGuard 11.14 or 11.15 (4 node max)	Yes - requires Secure Path 3.0d or 3.0e
		A6826A 2 Gb A9782A 2 Gb A9784A 2 Gb	Native	Native	Secure Path: 3.0c, 3.0d, or 3.0e		Yes - requires Secure Path 3.0d or 3.0e
	11iv2 (IA64) with 0304 patch bundle	A6795A 2 Gb PCI A6826A 2 Gb PCI A9782A 2 Gb A9784A 2 Gb	Native	Native	Secure Path: 3.0d or 3.0e	ServiceGuard 11.15, 11.15.01 or 11.15.02 (4 node max)	Yes
	11iv2 (PA-RISC)	A5158A 1Gb PCI A6685A 1Gb HSC A6795A 2 Gb PCI A6826A 2 Gb A9782A 2 Gb A9784A 2 Gb	Native	Native	Secure Path: 3.0c, 3.0d, or 3.0e	ServiceGuard 11.14 or 11.15 (4 node max)	Yes
OpenVMS	7.2-2[1] with VMS722_FIBRE_SCSI-V0600	LP8000 or LP9002 (FCA2354)	3.91a2 or 3.92a1	Native	Native	OpenVMS Clusters (96 node max)	Yes (all versions)
		LP9802 (FCA2384)	1.00x8 or 1.81a5				
	7.3-1 with VMS731_FIBRE_SCSI-V0600	LP8000 or LP9002 (FCA2354)	3.91a2 or 3.92a1				
		LP9802 (FCA2384)	1.00x8 or 1.81a5				
	7.3-2 with VMS7.3-2_FIBRE_SCSI_V0300	LP8000 or LP9002 (FCA2354)	3.91a2 or 3.92a1				
		LP9802 (FCA2384)	1.00x8 or 1.81a5				
Tru64 UNIX[2]	5.1a Patch kit 6 5.1b Patch kit 7	LP8000	3.82a1, 3.91a2, or 3.92a	Native	Native	TruCluster (8 node max)	Yes (all versions)
		LP9002 (FCA2354)	3.91a2 or 3.92a1				
		LP9802 (FCA2384)	1.00x8 or 1.81a5				
		LP100000 (FCA2684) or LP100000DC (FC2684DC)	1.81a5				
IBM-AIX	4.3.3 patch ML_10, 5L (5.1) patch ML-04 or ML_05, 5L (5.2) patch ML_01 or ML_02	Cambex 1Gb PCI (PC1000F)	2.01.38	1.5.23.2	Secure Path: 2.0c, 2.0d SP1, or 2.0d SP2	HACMP 4.4.1, 4.5, 5.1 CRM or 5.1 ES	No
		Cambex 2Gb PCI (PC2000LC)	3.02.10	1.5.23.2, 1.5.25.3, or 1.5.26.0	Secure Path: 2.0c, 2.0d SP1, or 2.0d SP2	HACMP 4.4.1, 4.5, 5.1 CRM or 5.1 ES	

Windows NT[3] (Intel)	4.0 SP6a	LP8000 LP952 (FCA2101) LP9002L, LP952L, FCA2101, or FCA2355	3.82a1 BIOS 1.61a2	4.82a14	Secure Path: 4.0 or 4.0a	NT—2 nodes	Yes
			3.90a7 BIOS1.61a2	4.82a14	Secure Path: 4.0b, 4.0c, or 4.0c SP1		
			3.91a1 BIOS 1.63a1	4.82a16	Secure Path: 4.0b, 4.0c, or 4.0c SP1		
Windows 2000	Windows 2000 Server and Advanced Server (32-bit, Intel) SP3, SP4	LP8000 (KGPSA-CB) LP952 (FCA2101), LP9002DC, LP9002L, LP952L, FCA2101, or FCA2355	3.82a1 BIOS 1.61a2	4.82a14	Secure Path: 4.0 or 4.0a MPIO Basic Failover (1.0)	Windows 2000 Server—none Windows 2000 Advanced Server—MSCS 1.1 & Oracle 9iRAC (2 node max)	Yes
			3.90a7 BIOS1.61a2	4.82a14	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
			3.91a1 BIOS 1.63a1	4.82a16	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
			3.92a2 BIOS 1.70a1	5.10a9 or 5.10a10	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
		QLA2340 (FCA2214) or BL20P G2 Mezzanine card	BIOS 1.34, FW loaded from driver	8.2.0.73 or 9.0.0.13	Secure Path: 4.0b, 4.0c SP1 MPIO Basic Failover (1.0)		
		QLA2342 FCA2214DC) or BL20P G2 Mezzanine card	BIOS 1.34, FW loaded from driver	8.2.0.73 or 9.0.0.13	Secure Path: 4.0b, 4.0c SP1 MPIO Basic Failover (1.0)		
		BL20P G2 Mezzanine card	BIOS 1.45, FW loaded from driver	9.0.1.10	Secure Path: 4.0b, 4.0c SP1 MPIO Basic Failover (1.0)		
		BL30P Mezzanine card	BIOS 1.43, FW loaded from driver	9.0.0.14	Secure Path: 4.0b, 4.0c SP1 MPIO Basic Failover (1.0)		
		FCA2404, FCA2404DC, or FCA2408	1.01a2 BIOS 1.63a1	4.82a16	Secure Path: 4.0b, 4.0c SP1 MPIO Basic Failover (1.0)		
			1.81a2 BIOS 1.70a1	5.10a9 or 5.10a10	Secure Path: 4.0c or 4.0c SP1 MPIO Basic Failover (1.0)		
		LP982, LP9802, LP9802DC, LP10050, LP10050DC	1.01a2 BIOS 1.63a1	4.82a16	Secure Path: 4.0b, 4.0c SP1 MPIO Basic Failover (1.0)		
			1.81a2 BIOS 1.70a1	5.10a9 or 5.10a10	Secure Path: 4.0b, 4.0c SP1 MPIO Basic Failover (1.0)		
		A7387A A7388A	1.81a3 BIOS 1.70a1	5.10a9 or 5.10a10	Secure Path: 4.0b, 4.0c SP1 MPIO Basic Failover (1.0)		
		LP1050, LP1050DC, LP100000 (FCA2684), or	1.81a3 BIOS 1.70a1	5.10a9 or 5.10a10	Secure Path: 4.0c or 4.0c SP1 MPIO Basic Failover (1.0)		
		QLA2340 (FCA2214) or QLA2342 (FCA2214DC)	BIOS 1.34, FW loaded from driver	SCSIport 9.0013	Secure Path: 4.0c or 4.0c SP1		
				STORport 9.00.19	Secure Path: 4.0c SP1 Requires Windows QFE 883646		

Windows 2003	Windows Server 2003 (32-bit) - Standard Edition - Enterprise Edition SP1	LP8000 (KGPSA-CB, not STORport) LP952 (FCA2101), LP9002DC, LP9002L, LP952L, FCA2101, or FCA2355	3.82a1 BIOS 1.61a2	Miniport 4.82a14	Secure Path: 4.0 or 4.0a MPIO Basic Failover (1.0)	Windows Server 2003, Enterprise edition—MSCS & Oracle 9iRAC (4 node max)	Yes
			3.90a7 BIOS1.61a2	Miniport 4.82a14	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
			3.91a1 BIOS 1.63a1	Miniport 4.82a16	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
			3.92a2 BIOS 1.70a1	Miniport 5.10a9 or 5.10a10	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
				STORport 1.02a5 (not LP8000)	Secure Path: 4.0b, 4.0c, 4.0c SP1 Requires Windows QFE 883646		
		QLA2340 (FCA2214), QLA2342 (FCA2214DC) or BL20P G2 Mezzanine card	BIOS 1.34, FW loaded from driver	Miniport 8.2.0.73 or 9.0.0.13	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
		BL20P G3 Mezzanine card	BIOS 1.45, FW loaded from driver	Miniport 9.0.1.10	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
		BL30P Mezzanine card	BIOS 1.43, FW loaded from driver	Miniport 9.0.0.14	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
		FCA2404, FCA2404DC, or FCA2408	1.01a2 BIOS 1.63a1	Miniport 4.82a16	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
			1.81a2 BIOS 1.70a1	Miniport 5.10a9 or 5.10a10	Secure Path: 4.0c or 4.0c SP1 MPIO Basic Failover (1.0)		
				Storport 1.02a5	Secure Path: 4.0c SP1 Requires Windows QFE 883646		
		LP982, LP9802, LP9802DC, LP10050, LP10050DC	1.01a2 BIOS 1.63a1	4.82a16	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
			1.81a2 BIOS 1.70a1	Miniport 5.10a9 or 5.10a10	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
				STORport 1.02a5	Secure Path: 4.0c SP1 Requires Windows QFE 883646		
		A7387A A7388A	1.81a3 BIOS 1.70a1	Miniport 5.10a9 or 5.10a10	Secure Path: 4.0b, 4.0c, 4.0c SP1 MPIO Basic Failover (1.0)		
				STORport 1.02a5	Secure Path: 4.0c SP1 Requires Windows QFE 883646		
		LP1050, LP1050DC, LP100000 (FCA2684), or LP100000DC (FC2684DC)	1.81a3 BIOS 1.70a1	Miniport 5.10a9 or 5.10a10	Secure Path: 4.0c or 4.0c SP1 MPIO Basic Failover (1.0)		
				STORport 1.02a5	Secure Path: 4.0c SP1 Requires Windows QFE 883646		
	Windows Server 2003 - Enterprise Edition (64-bit) and - Datacenter (64-bit)	AB232A (LP9802), A7298A (LP982)	1.81a3 EFI 3.00a9	SCSIport 5.10a9 or 5.10a10	Secure Path: 4.0c or 4.0c SP1 or MPIO basic failover (1.0)	Windows Server 2003, Enterprise edition—MSCS & Oracle 9iRAC (8 node max)	Yes
				STORport 1.02a5	Secure Path: 4.0c SP1 Requires Windows QFE 883646		
		LP1050 (AB467A), LP1050DC (AB466A)	FW: 1.81a3 or 1.90a4 BIOS 1.70a1 EFI 3.00a9	Miniport 5.10a9 or 5.10a10	Secure Path: 4.0c or 4.0c SP1 or MPIO basic failover (1.0)		
				STORport 1.02a5	Secure Path: 4.0c SP1 Requires Windows QFE 883646		

Novell NetWare[4]	5.1 SP6 or SP7 6.0 SP3, SP4, or SP5 6.5 SP2	QLA 2340 (FCA2210)	1.34	6.50y or 6.51	Secure Path: 3.0c SP1, 3.0c SP2, or 3.0c SP3 - SP1 supports 6 node clusters, - SP 2 supports 6+ node clusters - SP3 adds support for up to 128 LUNs on Netware 6.0 and 6.5 (5.1 limited to 64 LUNs)	N5.1 supports NCS 1.01 (6 node max) 6.0 supports NCS 1.06 (6 node max) 6.5 supports NCS 1.7 (12 node max) Up to 17 nodes supported via DET	No
			1.45	6.8			
		BL20P Mezzanine Card	1.34	6.51B			
Red Hat Linux	IA32(2.1) Update 4: - Errata: 2.4.9-e.41 SMP/Enterprise - Errata: 2.4.9-e.41UNI - Errata: 2.4.9-e.43 SMP/Enterprise - Errata: 2.4.9-e.43 UNI - Kernel: 2.4.9-e.40 SMP/Enterprise - Kernel: 2.4.9-e.40 UNI RHA Enterprise Linux IA32(2.1) Update 5: - Kernel: 2.4.9-e.49 SMP/Enterprise - Kernel: 2.4.9-e.49 UNI IA32(3.0) Update 2: - Errata: 2.4.21-15.0.2.EL SMP/Enterprise - Errata: 2.4.21-15.0.2.EL UNI - Errata: 2.4.21-15.0.3.EL SMP/Enterprise - Errata: 2.4.21-15.0.3.EL UNI - Errata: 2.4.21-15.0.4.EL SMP/Enterprise - Errata: 2.4.21-15.0.4.EL UNI - Kernel: 2.4.21-15.EL SMP/Enterprise - Kernel: 2.4.21-15.EL UNI IA32(3.0) Update 3: - Kernel: 2.4.21-20.EL SMP/Enterprise - Kernel: 2.4.21-20.EL UNI **Secure Path is only supported with updates 3 and earlier**	QLA 2340 (FCA2214) QLA 2342 (FCA2214DC)	FW loaded from driver BIOS 1.34 BIOS 1.45	6.04.00 (native), 6.06.50, 7.00.03, or 7.01.01	Secure Path: - 3.0, 3.0a, 3.0b, 3.0c, or 3.0c SP1 Secure Path: 3.0c-3 RHEL 3 U3 QLogic Native Multipath	ServiceGuard 11.14.02 (RHEL 2.1) ServiceGuard 11.15 (RHEL 3.0) Lifekeeper 4.5.0	Boot from SAN - RHEL AS 3.0 Only
		BL20P Mezzanine cards	FW loaded from driver BIOS 1.34 / BIOS 1.45	7.00.03 or 7.01.01	Secure Path: - 3.0, 3.0a, 3.0b, 3.0c, or 3.0c SP1 Secure Path: 3.0c-3 RHEL 3 U3 QLogic Native Multipath		
		BL30P Mezzanine card	FW loaded from driver BIOS 1.34 / BIOS 1.45	7.00.03 or 7.01.01	Secure Path: 3.0c, or 3.0c SP1 QLogic Native Multipath		
	IA64(2.1) Update 4 - Kernel: 2.4.18-e.43 SMP/Enterprise; Kernel: 2.4.18-e.43 UNI; Kernel: 2.4.18-e.47 SMP/Enterprise; Kernel: 2.4.18-e.47 UNI IA64(2.1) Update 5	A6826A	FW loaded from driver EFI 1.30	7.00.03 or 7.01.01	Secure Path: 3.0c, or 3.0c SP1 QLogic: Native Multipath	No Lifekeeper at this time	
	IA64 (3.0) Update 3 SAN boot support using multi-path driver EFI 1.30 and 7.00.03	A6826A	EFI 1.30 (3.02.168) FW loader from driver	7.00.03 7.01.01	QLogic: Native Multipath only	ServiceGuard 11.15	
	AMD64 (3.0) Update 3 - Kernel: 2.4.21-20.EL SMP/Enterprise; - Kernel: 2.4.21-20.EL UNI EM64T (3.0) Update 3 - Kernel: 2.4.21-20.EL SMP/Enterprise; - Kernel: 2.4.21-20.EL UNI	BL20P mezzanine card FCA2214 or FCA2214DC	FW loaded from driver BIOS 1.45	7.00.03 or 7.01.01	Secure Path: 3.0c SP1 QLogic Native Multipath 7.01.01		

Sun Solaris	2.6 (32-bit only)	JNI FCI-1063 (32-bit PCI) (DS-SWSA4-PC)	3.0.3	2.5.9-03 or 2.6.13	Secure Path: 3.0a SP1, 3.0b, 3.0b SP1, 3.0c, 3.0c SP1, or 3.0d	Veritas Foundation Suite 3.5 with Solaris 2.6, 7, 8, 9 Sun Clusters 2.2 with Solaris 2.6, 7 & 8, (8 node max) SunClusters 3.1 with Solaris 9 (4 node max) VxVM 3.2 when using VCS 2.x and Solaris 2.6, 7, 8, 9 (8 node max)	No
		FCA2257P	F-Code: 1.18.5 or 2.00.05 FW 3.2.15	4.13.01			
		QLA2310F	FW loaded from driver	4.13.01			
		DS-SWSA4-SC	13.3.7	2.6.13			
		FCA2257S	F-Code: 1.18.3 FW 2.2.6	4.13.01			
	7, 8 (64-bit)	JNI FCI-1063 (32-bit PCI) (DS-SWSA4-PC)	3.0.3				
		FCA2257P	F-Code: 1.18.5 or 2.00.05	3.26			
		QLA2310F	FW loaded from driver	4.11			
		DS-SWSA4-SC	13.3.7				
		FCA2257C (8 only)	F-Code: 1.18.5 FW 2.2.6				
		FCA2257S	F-Code: 1.18.3 FW 2.2.6	3.26			
	9 Build 2	JNI FCI-1063 (32-bit PCI) (DS-SWSA4-PC)	3.0.3	2.5.9-03 or 2.6.13	Secure Path: 3.0b, 3.0bSP1, 3.0c, 3.0cSP1, or 3.0d		
		FCA2257P	F-Code: 1.18.5 or 2.00.05 FW 3.2.15	4.13.01			
		QLA2310F	FW loaded from driver	4.13.01			
		DS-SWSA4-SC	13.3.7	2.6.13			
		FCA2257C (V8 only)	F-Code: 1.18.5 FW 2.2.6	4.13.01			
		FCA2257S	F-Code: 1.18.3 FW 2.2.6	4.13.01			

SuSE Linux	SuSE SLES 8 / United Linux 1.0 IA32 - Kernel: 2.4.21-169 SMP or UNI - Kernel: 2.4.21-198 SMP or UNI - Kernel: 2.4.21-215 SMP or UNI - Kernel: 2.4.21-226 SMP or UNI - Kernel: 2.4.21-231 SMP or UNI - Kernel: 2.4.21-238 SMP or UNI - Kernel: 2.4.21-241 SMP or UNI - Kernel: 2.4.21-251 SMP or UNI Service Pack: - SLES8 SP2A Errata 304 - SLES 8 SP3	QLA2340 (FCA2214) or QLA2342 (FCA2214DC)	BIOS 1.33, 1.34, or 1.45 FW loaded from driver	6.04.00, 6.06.50, 7.00.03, or 7.01.01	Secure Path 3.0, 3.0a, 3.0c QLogic Native Multipath	Oracle 9iRAC LifeKeeper 4.04 or 4.5.0	Boot from SAN for Qlogic HBA only - SLES8 Only
		BL20P Mezzanine Card	BIOS 1.45, FW loaded from driver	7.00.03 or 7.01.01	Secure Path 3.0, 3.0a, 3.0c QLogic Native Multipath		
		BL30P Balcony Card	BIOS 1.45, FW loaded from driver	7.00.03 or 7.01.01	Secure Path 3.0, 3.0a, 3.0c QLogic Native Multipath	Above plus ServiceGuard 11.15	
	SuSE SLES 8 / United Linux 1.0 IA64 - Kernel: 2.4.21-128 SMP or UNI - Kernel: 2.4.21-215 SMP or UNI - Kernel: 2.4.21-223 SMP or UNI - Kernel: 2.4.21-231 SMP or UNI - Kernel: 2.4.21-238 SMP or UNI - Kernel: 2.4.21-241 SMP or UNI - Kernel: 2.4.21-251 SMP or UNI Service Pack: SP3	A6826A	EFI 1.30 FW loader from driver	6.04.00, 6.06.50, 7.00.03, or 7.01.01	Secure Path: 3.0b or 3.0c QLogic: Native Multipath	ServiceGuard 11.15 LifeKeeper 4.5.0	
	SuSE SLES 8 / United Linux 1 AMD64 - Kernel: 2.4.21-215 SMP or UNI - Kernel: 2.4.21-226 SMP or UNI - Kernel: 2.4.21-231 SMP or UNI - Kernel: 2.4.21-238 SMP or UNI - Kernel: 2.4.21-241 SMP or UNI - Kernel: 2.4.21-251 SMP or UNI Service Pack: SP3	BL20P G3 mezzanine card FCA2214 or FCA2214DC	BIOS 1.45 FW loaded from driver	7.00.03 or 7.01.01	Secure Path 3.0c QLogic: Native Multipath	ServiceGuard 11.15 LifeKeeper 4.5.0	
	SuSE SLES 9 IA32 - Errata: 2.6.5-7.104 SMP or UNI - Errata: 2.6.5-7.108 SMP or UNI	QLA2340 (FCA2214) or QLA2342 (FCA2214DC)	BIOS 1.45 FW loaded from driver	8.00.00	QLogic: Native Multipath only	None	
		BL20P G2 or G3 Mezzanine Card	BIOS 1.45, FW loaded from driver	8.00.00	QLogic: Native Multipath only		
		BL30P Balcony Card	BIOS 1.45, FW loaded from driver	8.00.00	QLogic: Native Multipath only		
	SuSE SLES 9 IA64 - Errata: 2.6.5-7.104 SMP or UNI - Errata: 2.6.5-7.108 SMP or UNI - Errata: 2.6.5-7.111 SMP or UNI	A6826A	EFI 1.30 FW loader from driver	8.00.00	QLogic: Native Multipath only	None	
	SuSE SLES 9 AMD64 - Errata: 2.6.5-7.104 SMP or UNI - Errata: 2.6.5-7.108 SMP or UNI - Errata: 2.6.5-7.111 SMP or UNI SuSE SLES 9 EM64T - Errata: 2.6.5-7.104 SMP or UNI - Errata: 2.6.5-7.108 SMP or UNI - Errata: 2.6.5-7.111 SMP or UNI	BL20P G3 mezzanine card FCA2214 or FCA2214DC	BIOS 1.45 FW loaded from driver	8.00.00	QLogic: Native Multipath only	None	

[1] With OpenVMS version 7.2-2, paths to the storage are not dynamic and are lost if there is a failure or other lost connection to the controller.

[2] In a failover situation, LUNs can be acquired but you may need to reboot the host if the LUNs can not be seen.

[3] When using Windows NT 4.0 to access an EVA running VCS V3.02, Qlogic drivers are not supported and Emulex cards support 4-4.82a16 drivers only.

[4] Novell's Distributed File Services (DFS) allows you to span an NSS volume across multiple hard disk partitions. This is not desirable in a an HP Continuous Access EVA configuration. Instead, maintain a one-to-one relationship among LUNs, remote copy sets, NSS partitions, NSS pools, and NSS logical volumes.